

FIG. 1A

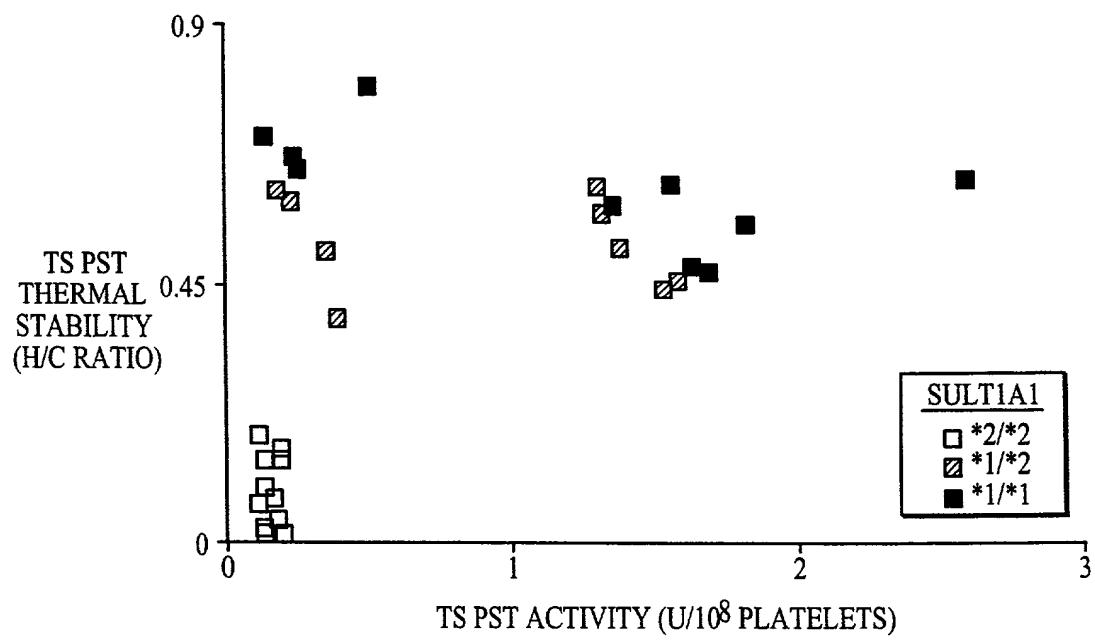
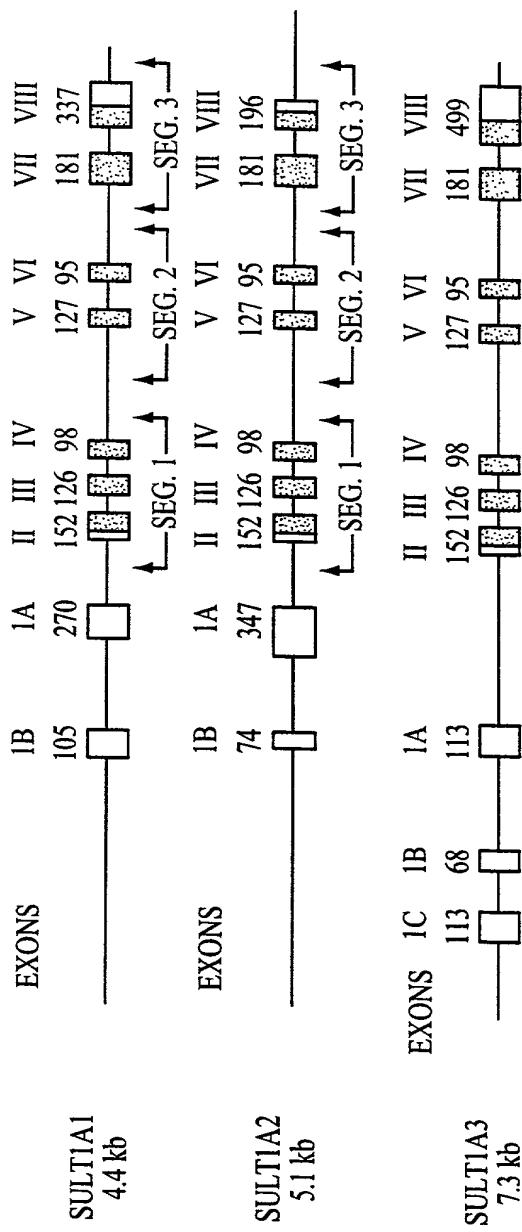


FIG. 1B

FIG. 2



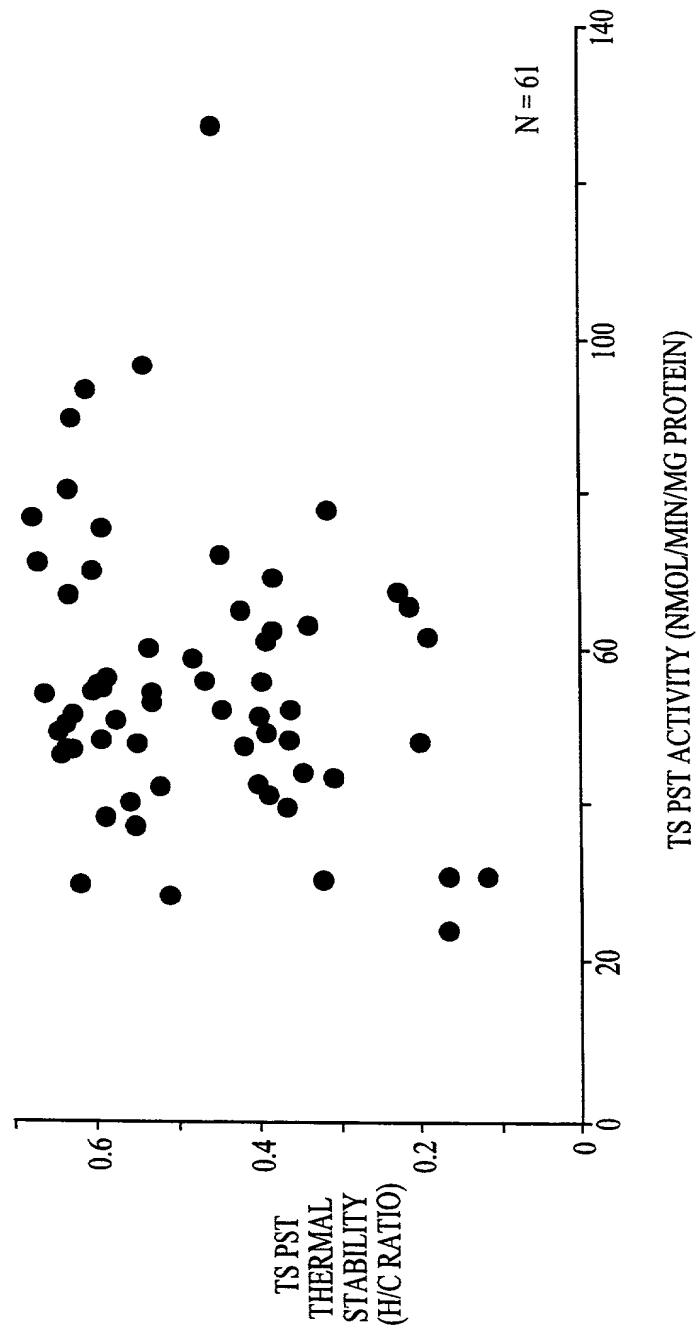


FIG. 3

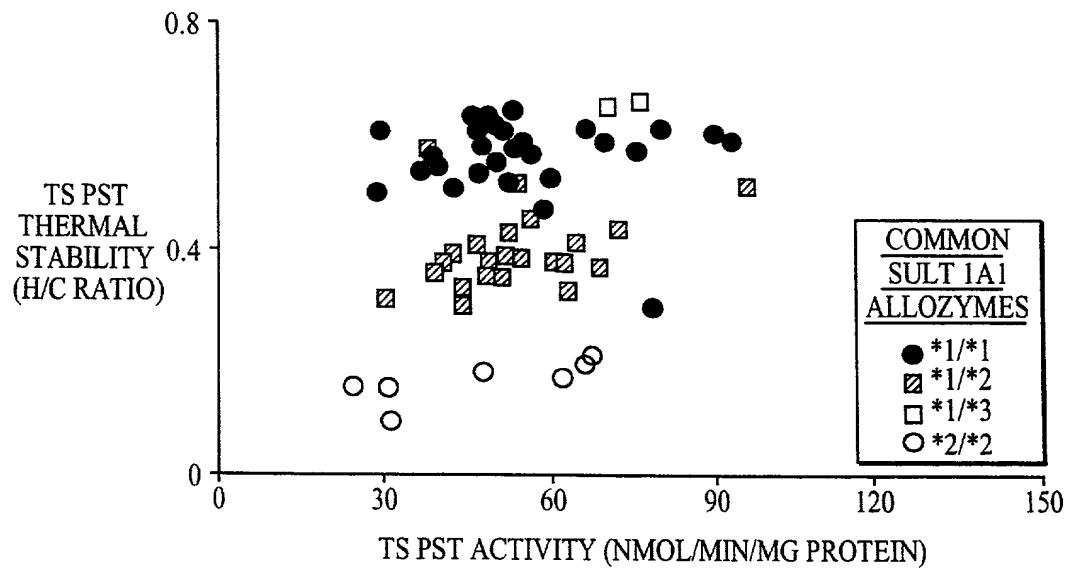


FIG. 4A

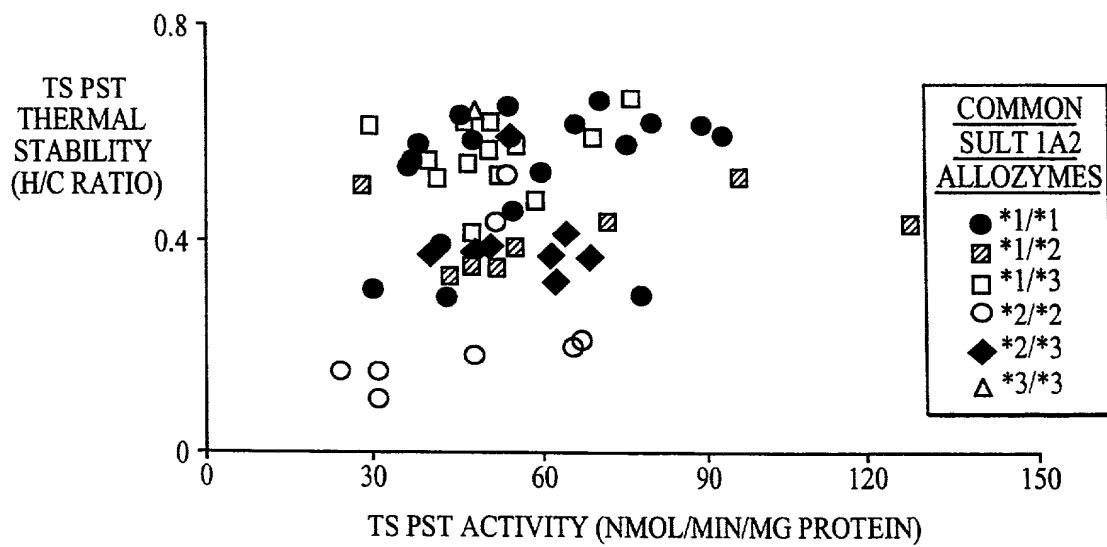


FIG. 4B

# FIG. 5A

tttgtgcag otgocttcgctt ttacccgtc ttcccttccgg tgtagaggatgtaa gacaggatgtaa agoggggccca ttgttgtggccca ccaaccctgg ctgttgctaa  
101 agagccaaog tgatctgtcgtt gtcgttccgg aagaaccagg gcaagtttgcgtt cccttgcgtt gcaatggggccca gcaatggggccca tagttaggtt cagtccccc  
201 gcccccaagccct ggtccatgtt ggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt  
301 ggggtttgtaa tgccatgtt ggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt  
401 gcaccggggaa aatagtggaa gactcgaaat tagaaggatgtaa gatggggccca tggccatgtt tggtccatgtt tggtccatgtt tggtccatgtt  
501 cctcgatgtt gcaaggcacac tggatagccca tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt  
601 gacatccacc tcagccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt  
701 tcttgtgtca cccggaaacctc ogcccttcgg gttccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt tggtccatgtt  
801 aattttttat ttttagtggaa gacaagggtt ctccatgtt gtcagggtt gtcagggtt gtcagggtt gtcagggtt gtcagggtt gtcagggtt  
901 ctggggatcc accgggtggccca caccgtggccca ggccatgttcc accgttggccca ggccatgttcc accgttggccca ggccatgttcc  
1001 gcaaggatcc tcggatgttcc accggatccca toaaagggtt gaaatgggg gttccatgtt tggtccatgtt tggtccatgtt tggtccatgtt  
1101 gggcttccaa actaaaggatgtt gggtaatccaa atggatgttcc accgttggccca ggccatgttcc accgttggccca ggccatgttcc  
1201 ttactggggccca tggttggccca tggttggccca tggttggccca tggttggccca tggttggccca tggttggccca tggttggccca  
1301 tgggtctgggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt  
1401 atgtgaaact gtgttgggtt atttttttttt cactgttcc accgttggccca tggttgggtt tggttgggtt tggttgggtt tggttgggtt  
1501 ttgttactgtt agtgcatacc aaggcttttagt toaaagggttcc accgttggccca tggttgggtt tggttgggtt tggttgggtt  
1601 ggattccatgtt tggggccatgtt tggggccatgtt tggggccatgtt tggggccatgtt tggggccatgtt tggggccatgtt  
1701 actcccaact gtcggatgttcc ctgtgttcc accgttggccca tggttgggtt tggttgggtt tggttgggtt tggttgggtt  
1801 tgacccatgtt ccgttggccca tggttgggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt  
1901 ttgtgtgtt gggccatgtt gggccatgtt gggccatgtt gggccatgtt gggccatgtt gggccatgtt gggccatgtt  
2001 gagccatgtt ggtggggccca actcccaactcc accgttggccca tggttgggtt tggttgggtt tggttgggtt tggttgggtt  
2101 actctggccca cacatccatgtt tttttttttt accgttggccca tggttgggtt tggttgggtt tggttgggtt tggttgggtt  
2201 caccttggccca accgttggccca tggttgggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt  
2301 attagagaa gttttttttt gttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt  
2401 cagaaaaaa accatccatgtt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt  
2501 tttaagggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt tggttgggtt

卷之三

FIG. 5B

FIG. 5C

FIG. 6A

FIG. 6B

# FIG. 6C

572	tggggcaacgt	ggttoacacc	cgaatotca	gttaatttggg	aggctgagggt	ggaaagatoc	cttgaagcca	gaagtttcaag	ataagtcttot	tccaaaaaaa
672	aaattttgt	gtgoatagtgt	gttgtgtgcct	gttaatccag	ttactcaggaa	gttgtgagggt	ggaggatcat	tttgacttag	gaggatgttca	ttacagcgag
772	ctatgtcac	accatgcac	tcaggotgg	gtgcacaga	aacatgttgc	caaaaoga	tgaaatgeaa	gagtgtccca	ccatgtgggt	ggctcaacc
872	tgtatattca	gcaatgtaa	ggctgtgggg	aggctgtggg	aggctggatca	cotggacta	ggatgtttgg	atcagcttgg	ccaaatggc	cttataaaaa
972	aatacaaaaa	sattacccg	gtatgtggc	aggcatctgt	atccatcgat	aaatccatgt	aaatggagggt	cttggagggt	ggatgtgggt	ggatgtgggt
1072	gtatgtggc	gagactoao	atttgcaccc	cagctgtgg	aacaaggatg	aaatotgtc	tccaaaaaaa	aaatggggca	ggatgtgggt	ggatgtgggt
1172	gggggctgg	cotgtgtgg	ctcacggctg	taataccago	acttttggag	gttggatgtgg	gttggatgtgg	gttggatgtgg	gttggatgtgg	gttggatgtgg
1272	aacatggaa	sacccctgtt	atcaaaaaa	tacaaaaaa	tacaaaaaa	tgccatgtgt	tgccatgtgt	tgccatgtgt	tgccatgtgt	tgccatgtgt
1372	tagtttgcac	ctgggggggg	gtgggtgtca	ttagcccgaa	tttgtgtca	gttggatgtgg	tttgtgtca	tttgtgtca	tttgtgtca	tttgtgtca
1472	aaatatttta	aaagggttgtc	oacctgggtt	gtoaccgt	gtatgtgggg	gtatgtgggg	gtatgtgggg	gtatgtgggg	gtatgtgggg	gtatgtgggg
1572	ccagccagg	aaacatgtggg	agactccatc	totataaaag	atcaaaaaaa	tcaatgggg	tcaatgggg	tcaatgggg	tcaatgggg	tcaatgggg
1672	aaatgtgg	aaatgtgggg								
1772	ggttttttttt	cttttttttc	tttttttttt							
1872	ggatgtgaa	ttcaaggaa								
1972	ccccggggac	ttgttgtccct								
2072	attttgtgtt	ggtgtggaca	tttgtggaca							
2172	caggaccag	gcaggacttt	ggtttttttt	tttgttttttt						
2272	tttccctttt	ttgtccaa								
2372	ccccggaaacgc	aaaggatgttg	ggggtttctt	acttccactt	tttccatgttgc	tttccatgttgc	tttccatgttgc	tttccatgttgc	tttccatgttgc	tttccatgttgc
R N A K D V A T S Y Y H F Y M A K Y I P H P G T W E S F L E K F	V Y Y V A									
2472	CATGGCTGGAA	GAAGGTTGGCA	tttgtggggc	tttgtgggg						
M A G E V	E									
2572	tttccatgttgc									
S Y G S W Y Q E W W E L S R T H P V L Y L F Y D M K	E									
2672	GGAGGTGAGA	CCGGCTTGGCA	tttgttttttt							

EXON V

EXON VI

EXON VII

FIG. 7A

FIG. 7B

6661 cccccc~~atgtg~~ acac~~c~~tgggg gcaggcac~~t~~ cacagggacc cacca~~agg~~cc acccagcccc  
 6721 gtc~~cc~~ctgggc ggctcccaca gcaagccccg attccccatc ctac~~c~~ctccct ggcccaggcc  
 6781 cccccc~~actgc~~ agccccac~~t~~ ggcagcag~~g~~ tcggcac~~a~~g tttcatcttc tgac~~c~~ctgag  
 6841 t~~c~~agctgcat ggg~~tgg~~ccac~~t~~ g~~g~~at~~c~~agata cttagt~~c~~ta ttgcttatcc tcac~~ccaa~~ag~~j~~  
 6901 gtgtg~~cc~~acc~~t~~ cagggccaca gtc~~at~~ggaag aagaccatcc cgg~~t~~c~~c~~cac ccata~~gg~~gc  
 6961 caagcccc~~gt~~ tc~~at~~gat~~gg~~g atcacagg~~g~~ agagat~~c~~at t~~c~~at~~ttt~~act cca~~,tg~~acta  
 7021 gggcccc~~cagg~~ g~~g~~ttgagg~~ct~~ ctttgggg~~t~~ tctaggg~~gaa~~ gtggccag~~at~~ cccctctgag  
 7081 gtt~~ag~~agagg~~g~~ gggacc~~cg~~tt ttg~~ttt~~gct ccactgag~~ga~~ g~~c~~c~~c~~t~~ct~~g~~ct~~ g~~c~~t~~c~~aga~~acc~~  
 7141 cccaaaagg~~ga~~ gatt~~caa~~aa~~g~~ at~~c~~c~~t~~gg~~ag~~t ttg~~ttt~~gg~~cg~~ c~~t~~cc~~c~~tc~~g~~ca gaggag~~acca~~  
 7201 tggactt~~cat~~ g~~g~~ttc~~ag~~cac ac~~gt~~cg~~t~~ca aggagat~~gaa~~ gaaga~~ac~~ct atgac~~ca~~act  
 7261 lacaccac~~cq~~t cccca~~agg~~q c~~t~~cat~~gg~~acc ac~~ag~~cat~~c~~tc cccct~~t~~cat~~g~~ ag~~g~~aa~~act~~tg  
 7321 ggtgctggcc agcac~~gggg~~g tttgggg~~cg~~ gg~~tg~~ggag~~cag~~ c~~ag~~tc~~g~~ag~~c~~ c~~t~~ccccat~~ag~~  
 7381 g~~c~~actt~~gg~~gg c~~c~~ttt~~cc~~ct~~gg~~ gat~~g~~ag~~a~~tc c~~ag~~ctt~~tg~~ct cc~~c~~tq~~c~~ct~~tc~~ c~~t~~cccc~~c~~at~~h~~  
 7441 catggct~~gg~~ gact~~gg~~ga~~a~~ ccac~~c~~tt~~c~~ac c~~gt~~gg~~cg~~ag~~a~~at~~g~~ag~~cg~~ct~~t~~cgat~~gc~~ga  
 7501 ctat~~gc~~ggag~~a~~ aagat~~gg~~ca~~g~~ g~~c~~t~~g~~c~~ag~~ct~~c~~ c~~ag~~ctt~~cc~~gc~~t~~t~~g~~ag~~ct~~gt~~t~~ gagagg~~gg~~ct  
 7561 cctggag~~tca~~ ct~~g~~c~~ag~~agg~~g~~ agt~~t~~g~~c~~gaa t~~c~~t~~ac~~cc~~t~~ga c~~ca~~at~~gg~~ct~~t~~ caagaataaaa  
 7621 g~~t~~at~~g~~at~~ttt~~ t~~g~~ag~~t~~c~~ag~~gc ac~~ag~~tt~~gg~~ct~~t~~ at~~g~~t~~c~~t~~g~~caa t~~c~~cc~~ag~~eg~~at~~ ttgg~~gg~~ag~~gt~~tt  
 7681 gag~~c~~t~~gg~~tag~~t~~ gat~~c~~aca~~ata~~ gg~~c~~ac~~g~~aa~~t~~ tt~~g~~ag~~ac~~ca~~g~~ c~~c~~t~~g~~gtaaaa tag~~t~~gag~~ac~~cc  
 7741 t~~c~~at~~c~~t~~c~~ta aa~~ag~~at~~gt~~ta aaaaatt~~ag~~c~~ac~~at~~gt~~ct~~g~~cc~~t~~ g~~g~~c~~ac~~t~~t~~acc~~t~~ g~~t~~tag~~t~~ccca  
 7801 g~~c~~ta~~c~~tt~~gg~~gg a~~ag~~c~~ag~~gg~~g~~ t~~g~~gaggat~~ca~~ t~~t~~t~~g~~ac~~cc~~ca gg~~ag~~gt~~t~~gt~~g~~ gata~~c~~gt~~g~~a  
 7861 gttat~~g~~ac~~at~~ g~~cc~~catt~~tc~~ac tac~~ag~~c~~c~~tt~~gg~~ at~~g~~aca~~ag~~ca agacc~~c~~t~~cc~~cc t~~cc~~aaagaaaa  
 7921 ataaa~~ag~~ct~~ca~~ at~~ta~~aaaat~~aa~~ aat~~at~~g~~at~~ttt g~~t~~g~~t~~cat~~gt~~t ag~~ag~~c~~ct~~g~~ta~~ ttgg~~aa~~ag~~ga~~  
 7981 agagaaaact~~c~~ t~~g~~ag~~c~~t~~g~~aaa g~~a~~gt~~g~~aat~~g~~c c~~c~~g~~gt~~ggggc~~c~~ac~~at~~at~~g~~gt~~t~~ cac~~c~~t~~c~~cc  
 8041 ccagc~~tt~~ca g~~c~~t~~cc~~cc~~c~~agg~~t~~ca~~c~~ccat~~at~~tc t~~g~~ggg~~ag~~gggg agaagg~~gt~~ttt ggaga~~ag~~taa  
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 8161 t~~g~~cccc~~aa~~ga~~t~~ t~~g~~g~~t~~gg~~ag~~ga~~t~~ c~~gt~~cg~~ag~~t~~cc~~ g~~cc~~gg~~gg~~c~~ag~~gc~~t~~ca~~t~~ttt t~~tt~~gg~~gg~~ct~~cc~~  
 8221 t~~t~~ta~~g~~ag~~c~~ta~~t~~ cc~~ag~~gt~~ac~~ct~~t~~ t~~g~~gg~~gg~~ccaca~~t~~ c~~t~~g~~ag~~at~~g~~g~~t~~ g~~g~~g~~ag~~t~~ag~~cc~~t~~ g~~c~~ct~~g~~cat~~ag~~  
 8281 gag~~gt~~gt~~c~~t~~t~~ caa~~ac~~agg~~at~~ agt~~at~~ag~~t~~cc~~t~~ c~~t~~c~~c~~t~~gggg~~gg~~t~~ t~~t~~g~~gggg~~gt~~t~~ ag~~gt~~gg~~cc~~aa  
 8341 g~~g~~aa~~gg~~gt~~g~~ tag~~g~~ag~~ca~~ag~~g~~ c~~cc~~cc~~gggg~~ct~~t~~ g~~g~~tt~~gt~~ca~~ac~~ t~~c~~act~~tt~~g~~t~~ t~~g~~ct~~gg~~aatt  
 8401 g~~g~~tt~~gt~~ta~~act~~ tg~~ac~~ca~~c~~tc~~t~~ g~~gg~~c~~agg~~at~~c~~ c~~ca~~ct~~g~~ct~~ca~~ t~~cc~~ccaa

FIG. 7C